



State of Vermont

Department of Fish and Wildlife
Department of Forests, Parks and Recreation
Department of Environmental Conservation
State Geologist
Natural Resources Conservation Council

AGENCY OF NATURAL RESOURCES
Department of Environmental Conservation

Hazardous Materials Management Division
103 South Main Street / West Building
Waterbury, Vermont 05671-0404
802-244-8702

July 16, 1992

Kevin Moore
C.N. Brown
P.O. Box 200
So. Paris, Maine 04281

RE: Petroleum contamination at the C.N. Brown facility on 51
Portland Street in St. Johnsbury, Vermont (Site #92-
1261)

Dear Mr. Moore:

The Sites Management Section (SMS) has reviewed the tank pull form and accompanying report by C.A.B. Services, Inc. regarding the petroleum contamination due to underground storage tanks (USTs) at the above referenced site. Three USTs were pumped and filled onsite on June 2 and 3, 1992.

Soils surrounding the site were contaminated as evidenced by the extremely high photoionization device readings which had a peak of 1,984 parts per million. Approximately twenty five cubic yards of contaminated soils were stockpiled; however, it is not mentioned in the report by C.A.B. Services, Inc. whether these soils were stockpiled onsite or offsite. Groundwater was encountered at approximately five feet below the ground surface and had been impacted by the contamination. Sensitive receptors in the area such as Moose River, drinking water wells, and basements of nearby businesses and residences need to be evaluated, as they may also have been impacted by the contamination.

Based on the above, the SMS is requesting that C.N. Brown retain the services of a qualified consultant to perform the following:

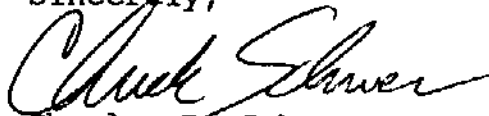
1. Perform a complete, thorough site assessment to determine the degree and extent of contamination to soils and groundwater and develop a treatment and/or monitoring plan to deal with the contamination. This should be accomplished by installing several monitoring wells in locations which will determine the degree and extent of contamination and its potential to impact sensitive receptors in the area including Moose River and any nearby drinking water wells.

2. Notify the SMS as to the location of the stockpiled soils, and develop a treatment and/or monitoring plan to deal with the soils. At the present time, the most appropriate method of dealing with stockpiled gasoline contaminated soils is to place them on and under plastic and monitor them with a field instrument every few months. The plastic must be checked weekly to be sure it remains intact. When field readings are non-detect, the soils may be spread onsite.
3. Determine the need to implement a corrective action plan to deal with the contamination which has impacted the environment and may threaten human health.
4. Determine the need to develop a long-term treatment and/or monitoring plan to deal with the contamination. The need for such a plan will be based on the results of the above investigations.
5. Submit to the SMS a summary report outlining the work performed as well as providing conclusions and recommendations. Also included should be detailed well logs, analytical results, site map, area map, and groundwater contour map.

Please have your consultant submit a preliminary report which responds to the above requests within fifteen days of your receipt of this letter, so that the plan may be approved prior to the initiation of onsite work.

If you have any questions, feel free to call.

Sincerely,



Charles B. Schwer, Supervisor
Sites Management Section

cc: St. Johnsbury Selectboard

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